

IN THE CLAIMS

1. (Currently amended) A processing aid comprising:

a copolymer (A) whose mean weight molecular weight (Mw) measured with gel permeation chromatography is in the range of from 700,000 to 2,000,000, and molecular weight distribution (Mw/Mn) is 3.0 or smaller, which is obtained by copolymerizing a monomer mixture comprising 70 to 90 % by weight of methyl methacrylate, 10 to 30 % by weight of acrylate or methacrylate other than methyl ~~methacrylate~~ methacrylate, and 3% by weight or less of a different type of monomer capable of being copolymerized with those monomers; and

a copolymer (B) whose mean weight molecular weight (Mw) measured with gel permeation chromatography is in the range of from 10,000 to 500,000, which is obtained by copolymerizing a monomer mixture comprising ~~at least 30 to 50%~~ 30 to 50% by weight of methyl methacrylate, ~~and a monomer other than a polyfunctional monomer and~~ having as constitutional units at least one type ~~selected from methacrylates~~ other than methyl methacrylate, ~~acrylates, aromatic alkenyl compounds and other monomers~~ and 2% by weight or less of polyfunctional monomers.

wherein copolymer (A) and copolymer (B) are present in a ratio of 100 parts by weight of copolymer (A) to 0.5-100 parts by weight of copolymer (B).

2. (Currently amended) A vinyl chloride based resin composition comprising 100 parts by weight of vinyl chloride based resin and ~~0.1~~ 0.2 to 20 parts by weight of the processing aid as set ~~force~~ forth in claim 1.

3. (Currently amended) ~~The~~ A calender molded product obtained with the processing aid as set ~~force~~ forth in claim 1, ~~characterized by being a processing aid for calender molding.~~

4. (Currently amended) ~~The A calender molded product obtained by calender molding the~~ vinyl chloride based resin composition as set forth in claim 2, ~~characterized by being a vinyl chloride based resin composition for calender molding.~~
5. (Currently amended) A method of producing moldings by comprising calender molding ~~from~~ the vinyl chloride resin composition as set forth in claim 2.
6. (New) The processing aid as set forth in claim 1, wherein the methylmethacrylate in the monomer mixture of copolymer (A) is present in an amount of 80-90% by weight.
7. (New) The processing aid as set forth in claim 1, wherein the monomer other than a polyfunctional monomer in the monomer mixture of copolymer (B) is present in an amount of 45-70% by weight.
8. (New) The processing aid as set forth in claim 7, wherein said amount is 50-60% by weight.
9. (New) The vinyl chloride based resin composition as set forth in claim 2, wherein the vinyl chloride based resin has a mean degree of polymerization of from 300-5,000.
10. (New) The vinyl chloride based resin composition as set forth in claim 9, wherein said mean degree of polymerization is 500-3,000.
11. (New) The calender molded product as set forth in claim 3, wherein the methylmethacrylate in the monomer mixture of copolymer (A) is present in an amount of 80-90% by weight.
12. (New) The calender molded product as set forth in claim 3, wherein the monomer other than a polyfunctional monomer in the monomer mixture of copolymer (B) is present in an amount of 45-70% by weight.
13. (New) The calender molded product as set forth in claim 12, wherein said amount is 50-60% by weight.

14. (New) The calender molded product as set forth in claim 4, wherein the methylmethacrylate in the monomer mixture of copolymer (A) is present in an amount of 80-90% by weight.

15. (New) The calender molded product as set forth in claim 4, wherein the monomer other than a polyfunctional monomer in the monomer mixture of copolymer (B) is present in an amount of 45-70% by weight.

16. (New) The calender molded product as set forth in claim 15, wherein said amount is 50-60% by weight.

17. (New) The method as set forth in claim 5, wherein the vinyl chloride based resin has a mean degree of polymerization of from 300-5,000.

18. (New) The method as set forth in claim 5, wherein the vinyl chloride based resin has a mean degree of polymerization of from 500-3,000.

DISCUSSION OF THE AMENDMENT

Claim 1 has been amended, as supported in the specification at page 11, lines 11-14; page 14, lines 14-15; page 16, lines 14-17, and page 18, lines 18-22. Note additionally that the term --monomer other than a polyfunctional monomer--, is deemed to be inferentially supported by the description in the specification at page 16, lines 14-17 and the description of the other monomers preceding it.

Claim 2 has been amended as supported in the specification at page 22, lines 10-11.

Claims 3 and 4 have each been amended into product claims.

Claim 5 has been amended to recite an active process step.

Remaining amendments to Claims 1-5 are non-substantive.

New Claims 6-18 have been added. Claim 6 is supported in the specification at page 10, lines 13-14. Claims 7 and 8 are supported at page 16, lines 7-8. Claims 9 and 10 are supported at page 21, lines 21-23. The remaining claims, respectively, are dependent on one of Claims 3-5.

No new matter has been added by the above amendment. Claims 1-18 are now pending in the application.